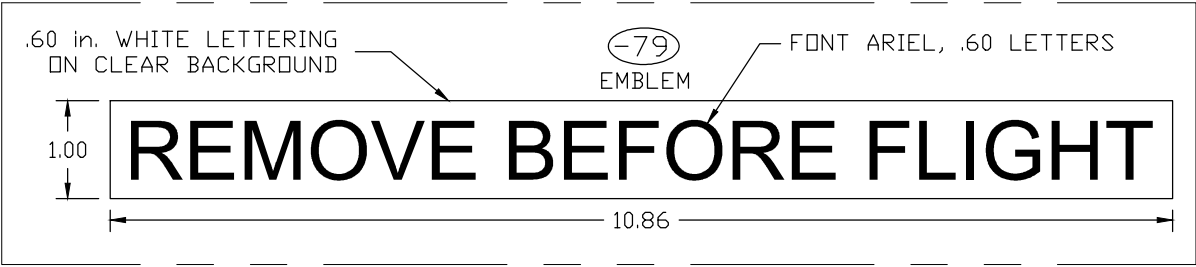
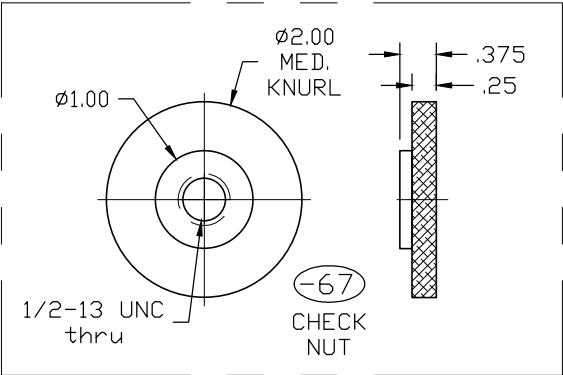
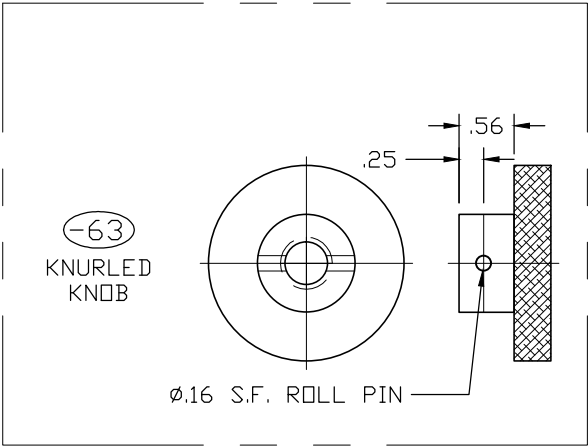
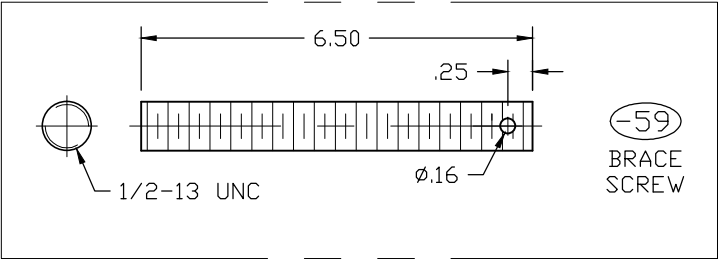


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

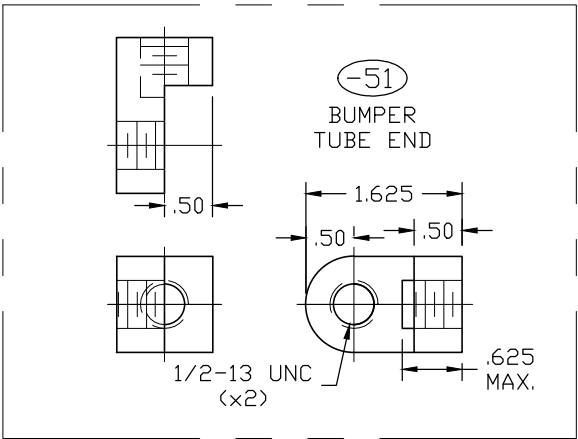
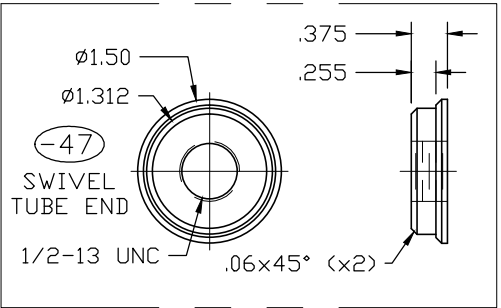
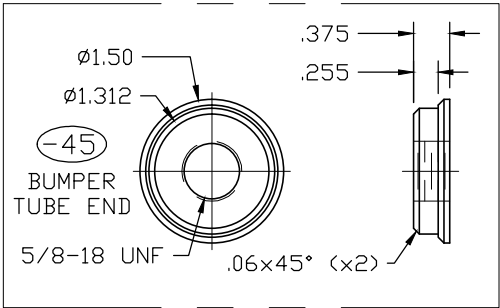
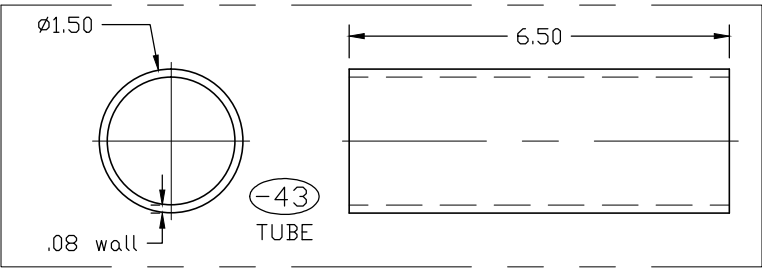
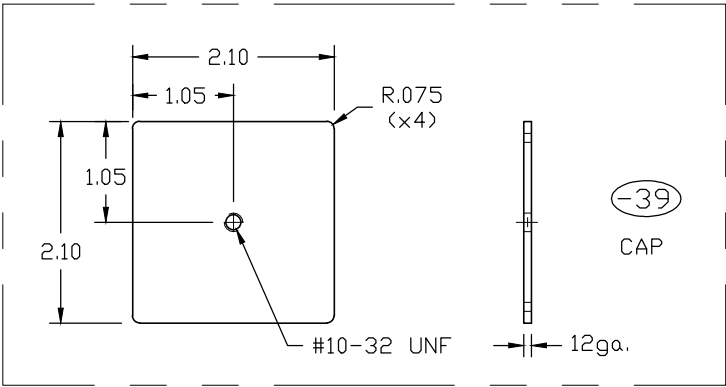
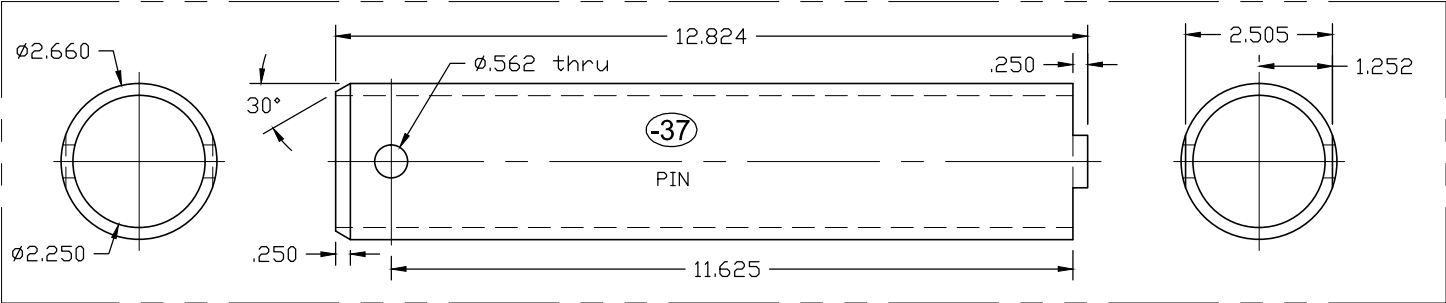
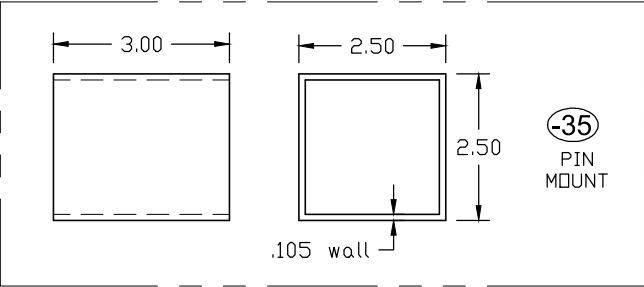
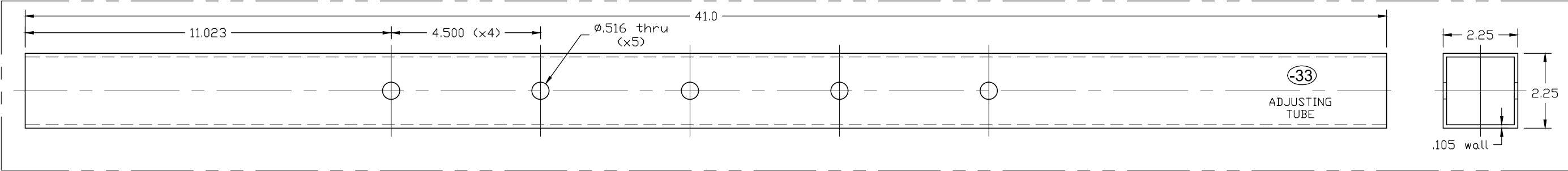
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50-53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NDT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	



RED BARN MACHINE			
TITLE		FIRE SCOUT ADJUSTABLE ACCESS LADDER; HORIZONTAL WELDMENT PARTS & OTHERS	
DWG NO.	RBT18658-101-59, 63, 67, & 79	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED: D Weil	
DECIMALS		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
FRACTIONS ± 1/32		SEE WELDMENT	
ANGLES ± 5°		USED ON MODEL	
UNLESS OTHERWISE SPECIFIED		NORTHROP-GRUMAN	
1. BREAK ALL SHARP EDGES		FIRE SCOUT	
015 x 45° PR. 015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	4-9-09
		SHEET	10 of 10

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50-53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	

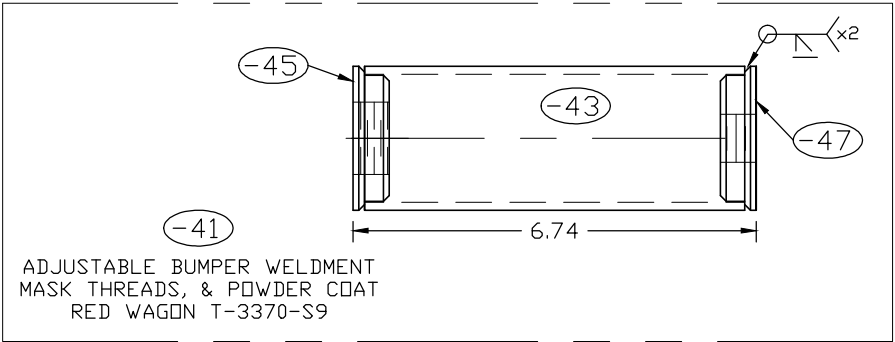
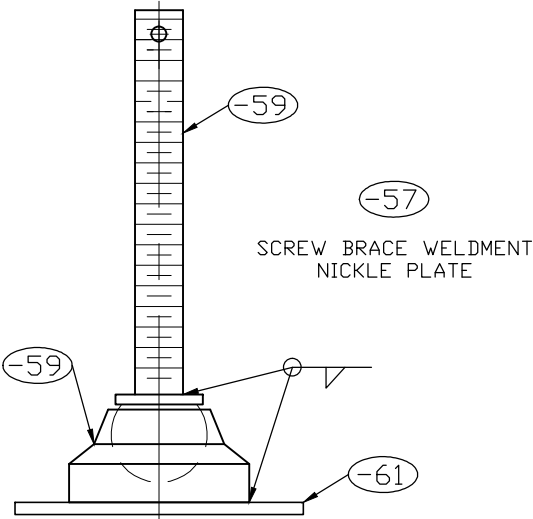
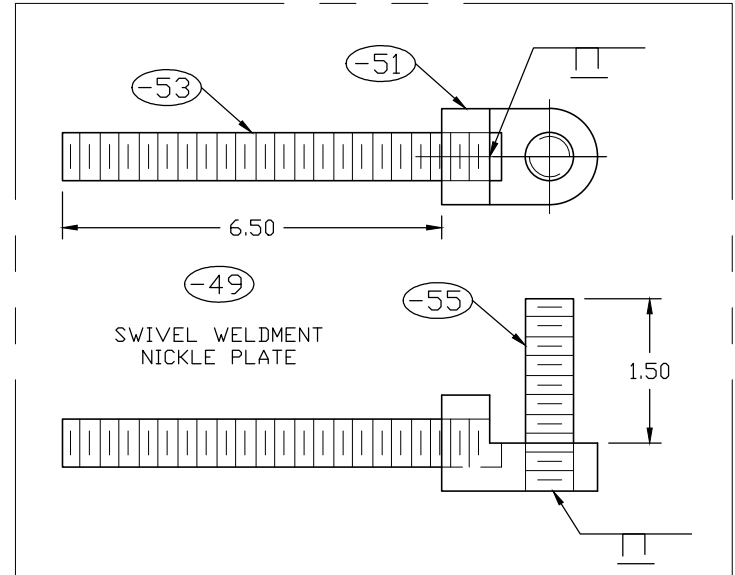
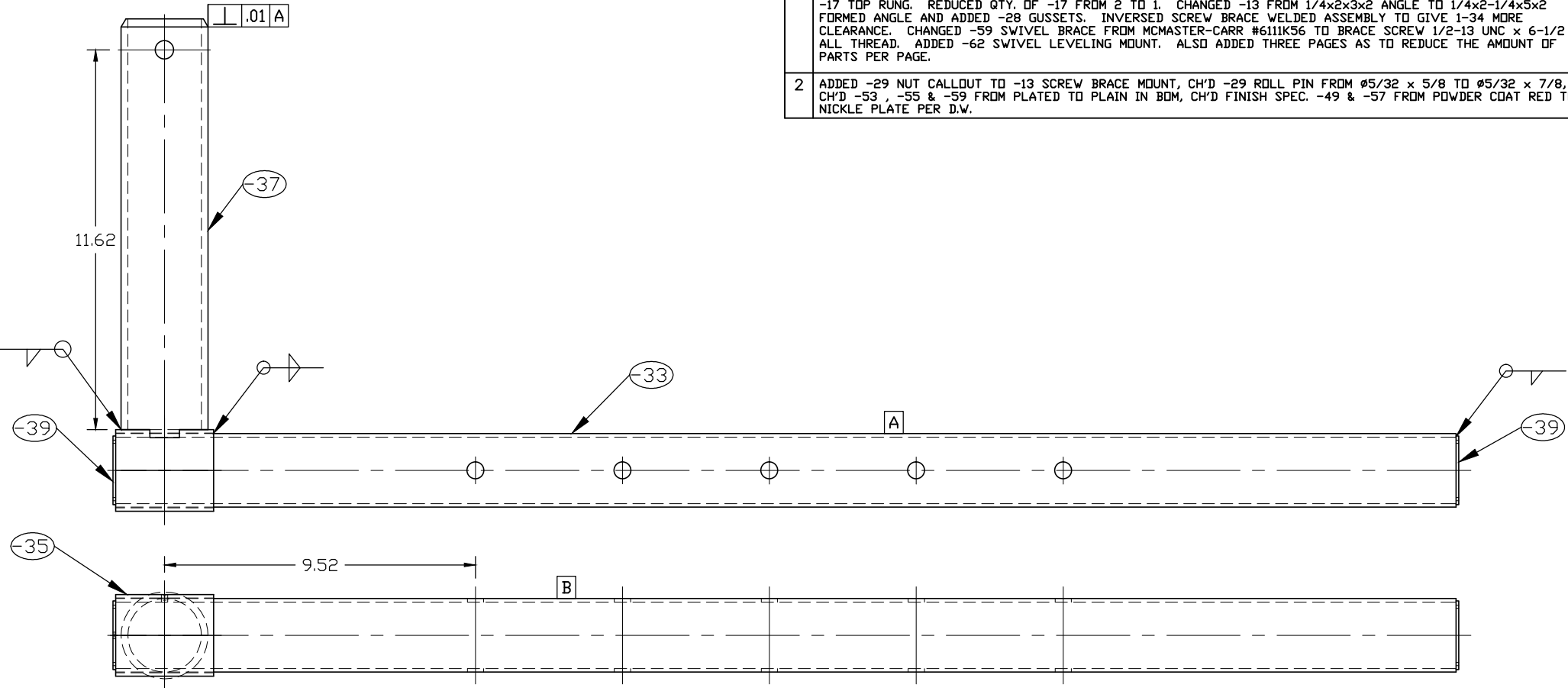


RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; HORIZONTAL WELDMENT PARTS & OTHERS			
DWG NO.	RBT18658-101-33 thru 51	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED: D Weil	
DECIMALS .XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH SPEC	
.X ± .1		SEE WELDMENT	
FRACTIONS ± 1/32		USED ON MODEL	
ANGLES ± 5°		NORTHROP-GRUMAN	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		FIRE SCOUT	
SCALE	NTS	DATE	4-9-09
		SHEET	9 of 10

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

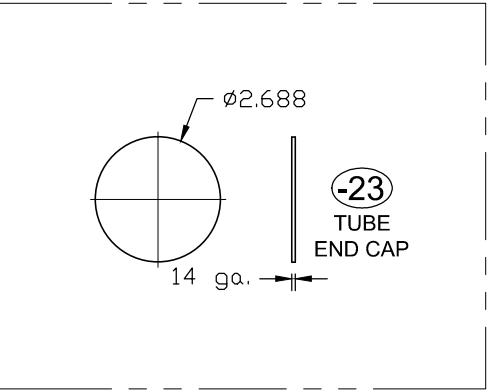
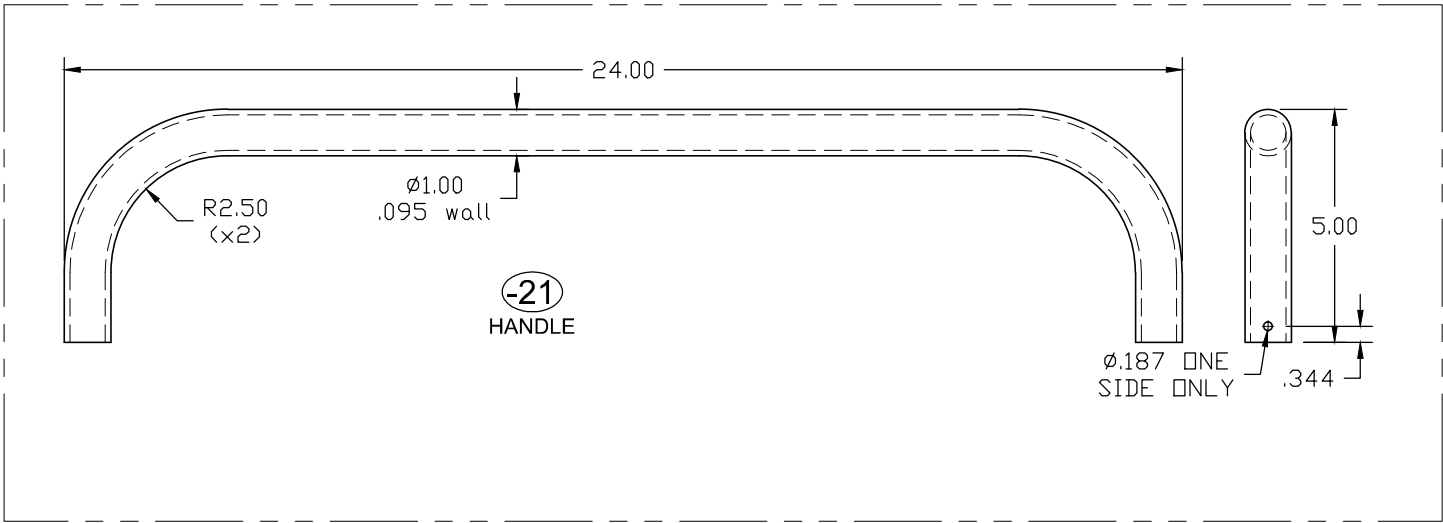
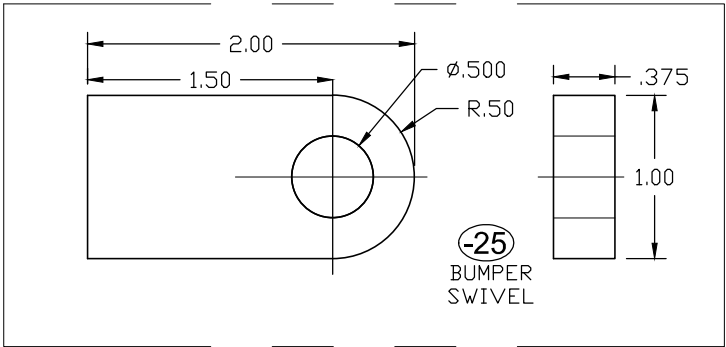
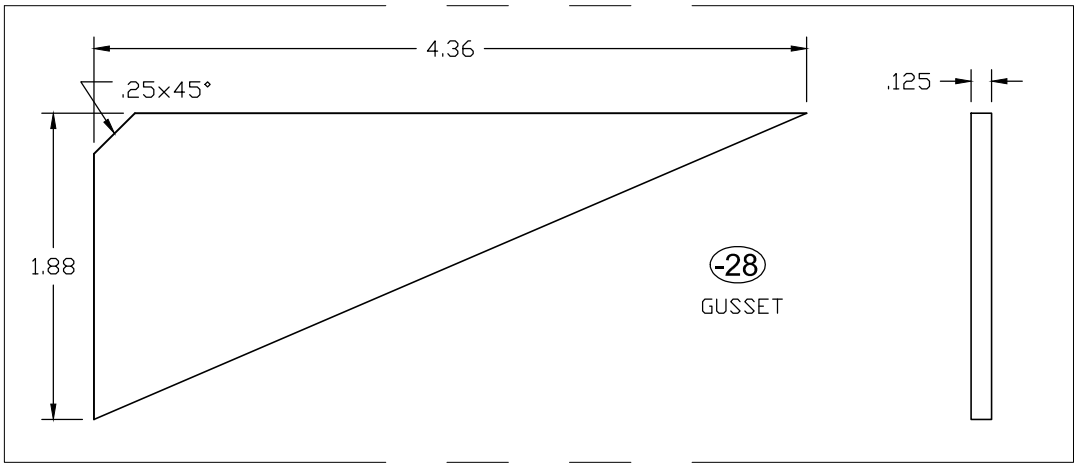
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50. -53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111KS6 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	
2	ADDED -29 NUT CALLOUT TO -13 SCREW BRACE MOUNT, CH'D -29 ROLL PIN FROM Ø5/32 x 5/8 TO Ø5/32 x 7/8, CH'D -53 , -55 & -59 FROM PLATED TO PLAIN IN BOM, CH'D FINISH SPEC. -49 & -57 FROM POWDER COAT RED TO NICKLE PLATE PER D.W.	11/10/10	RJC	

-31
HORIZONTAL WELDMENT
I.V.D. ALUMINUM COATING
MIL-C-83488

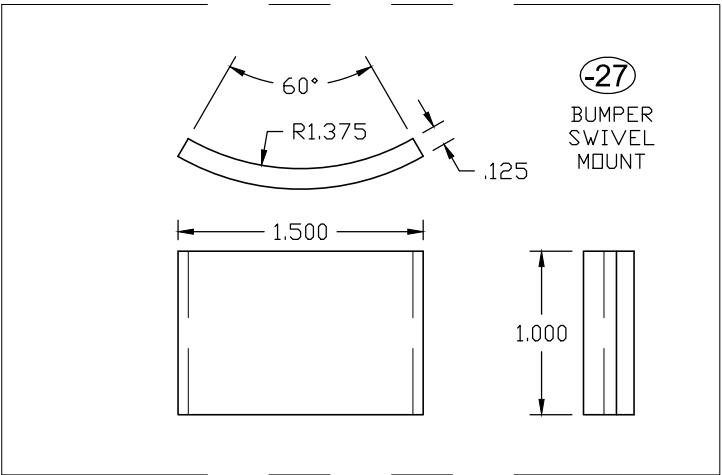


RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; HORIZONTAL WELDMENT & OTHERS			
DWG NO.	RBT18658-101-31, 41, 49, 57	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED: D Weil	
DECIMALS		HEAT TREAT	
.XXX ± .005		FINISH SPEC	
.XX ± .01		SEE WELDMENT	
.X ± .1		USED ON MODEL	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		NORTHROP-GRUMAN	
SCALE NTS		DATE 4-9-09	
		SHEET 8 of 10	

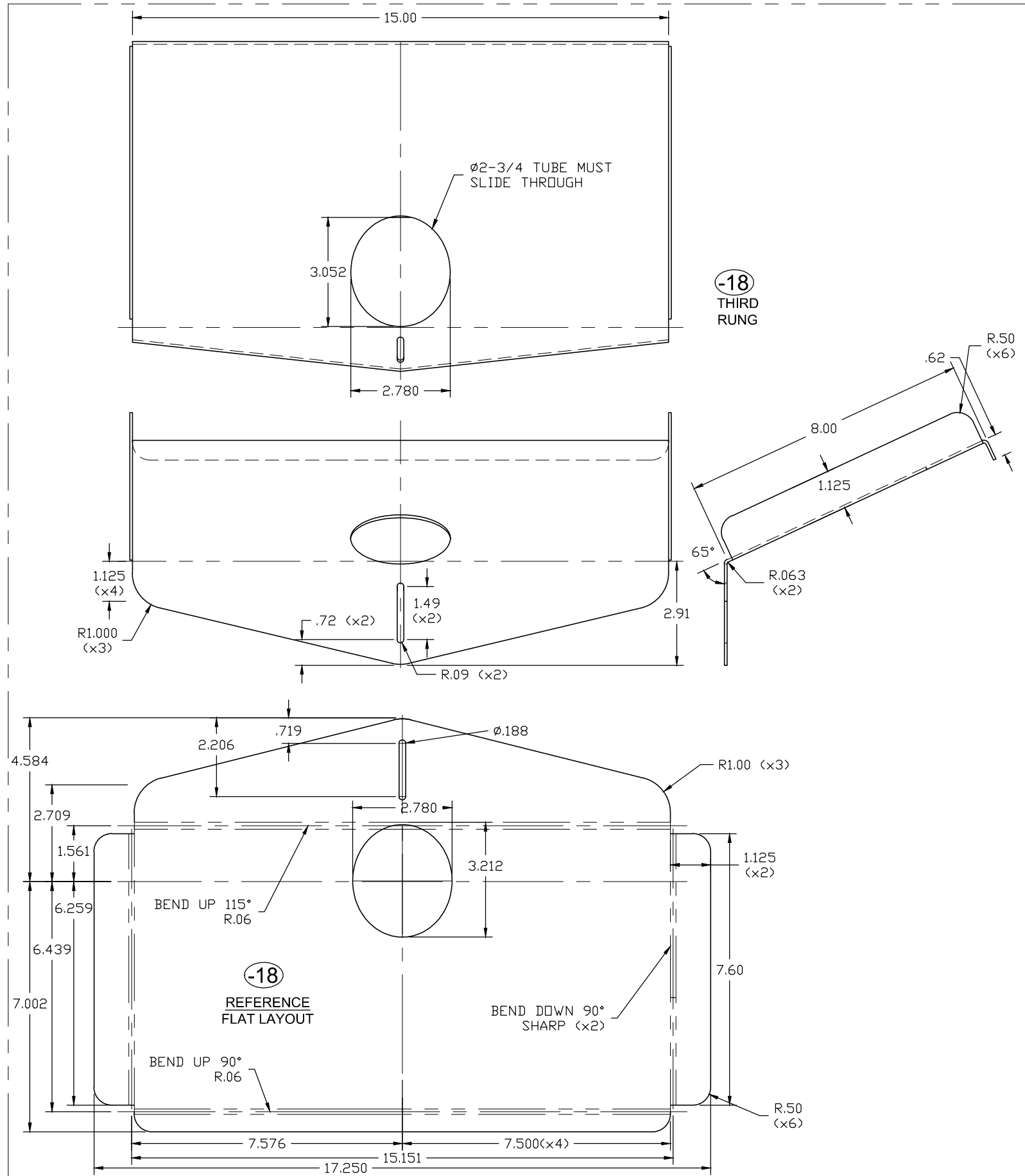
This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.



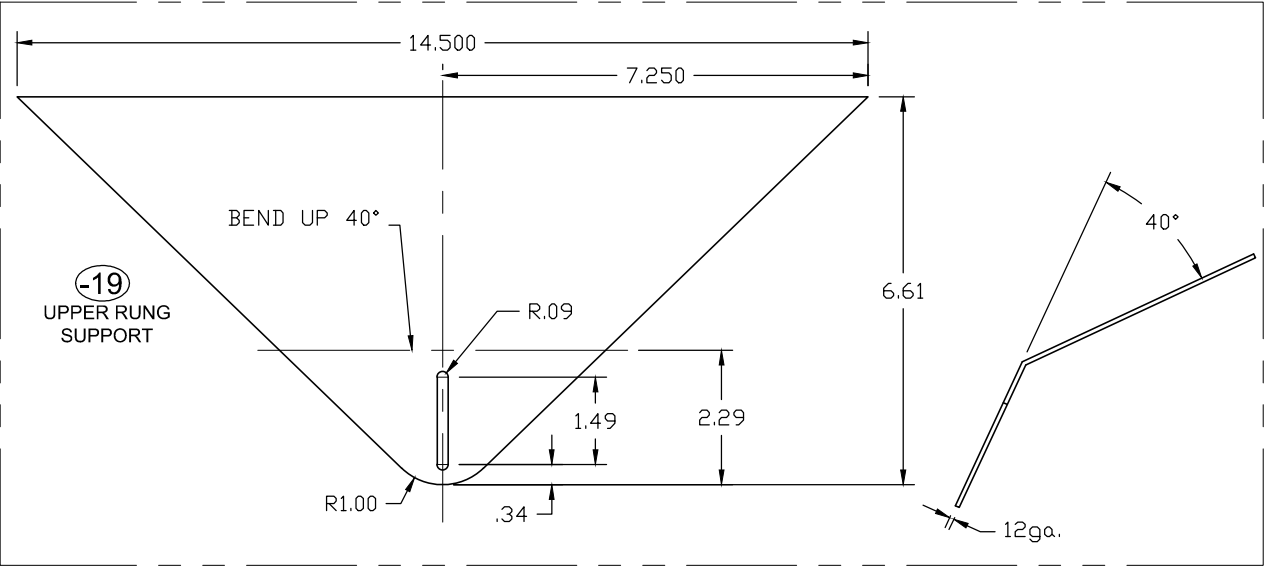
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50. -53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	



RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; VERTICAL WELDMENT PARTS			
DWG NO.	RBT18658-101-21 thru 28	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED <i>D Weil</i>	
DECIMALS		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
FRACTIONS ± 1/32		SEE WELDMENT	
ANGLES ± 5°		USED ON MODEL	
UNLESS OTHERWISE SPECIFIED		NORTHROP-GRUMAN	
1. BREAK ALL SHARP EDGES		FIRE SCOUT	
015 x 45° PR. 015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	4-9-09
		SHEET	7 of 10



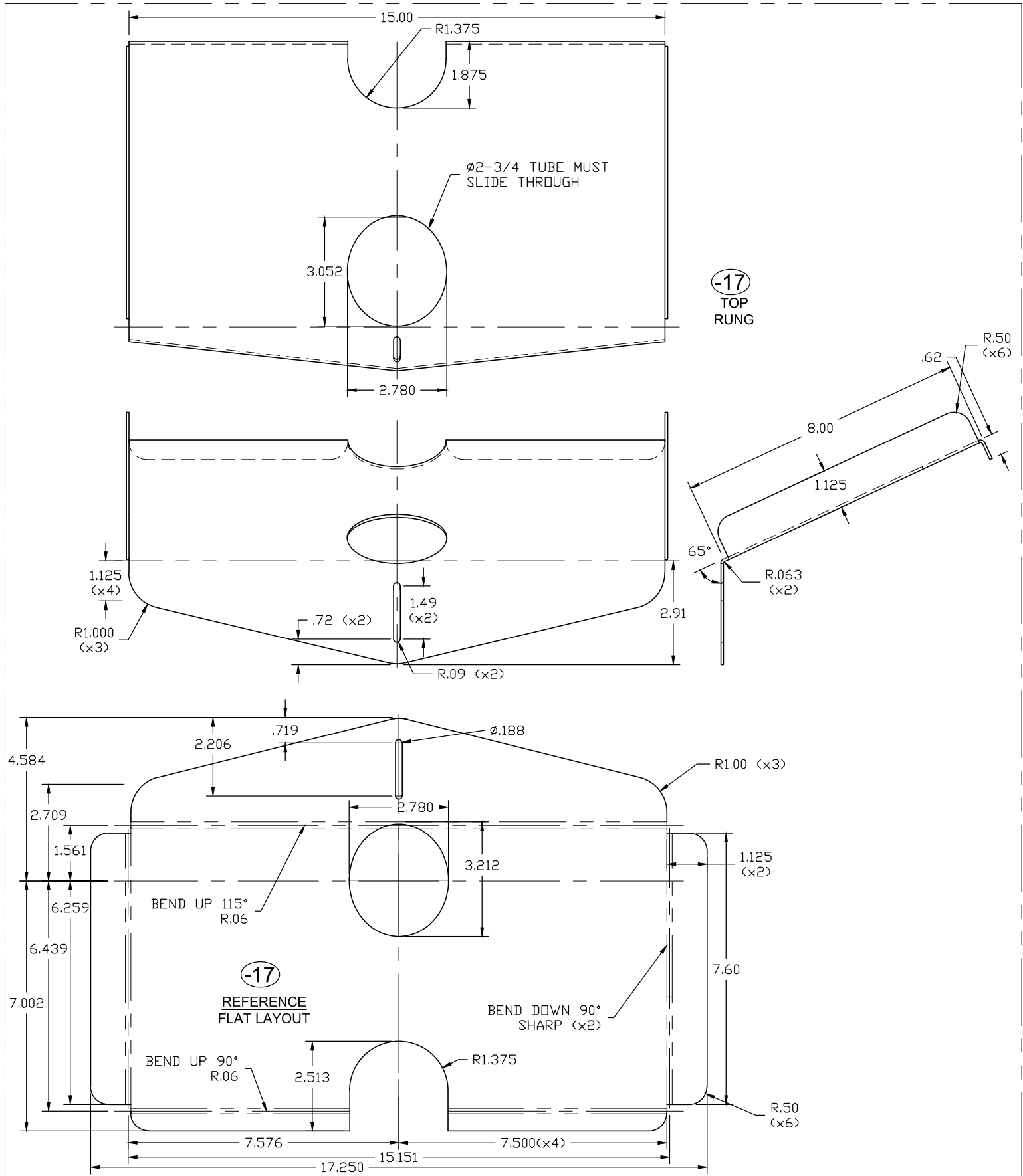
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50. -53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	



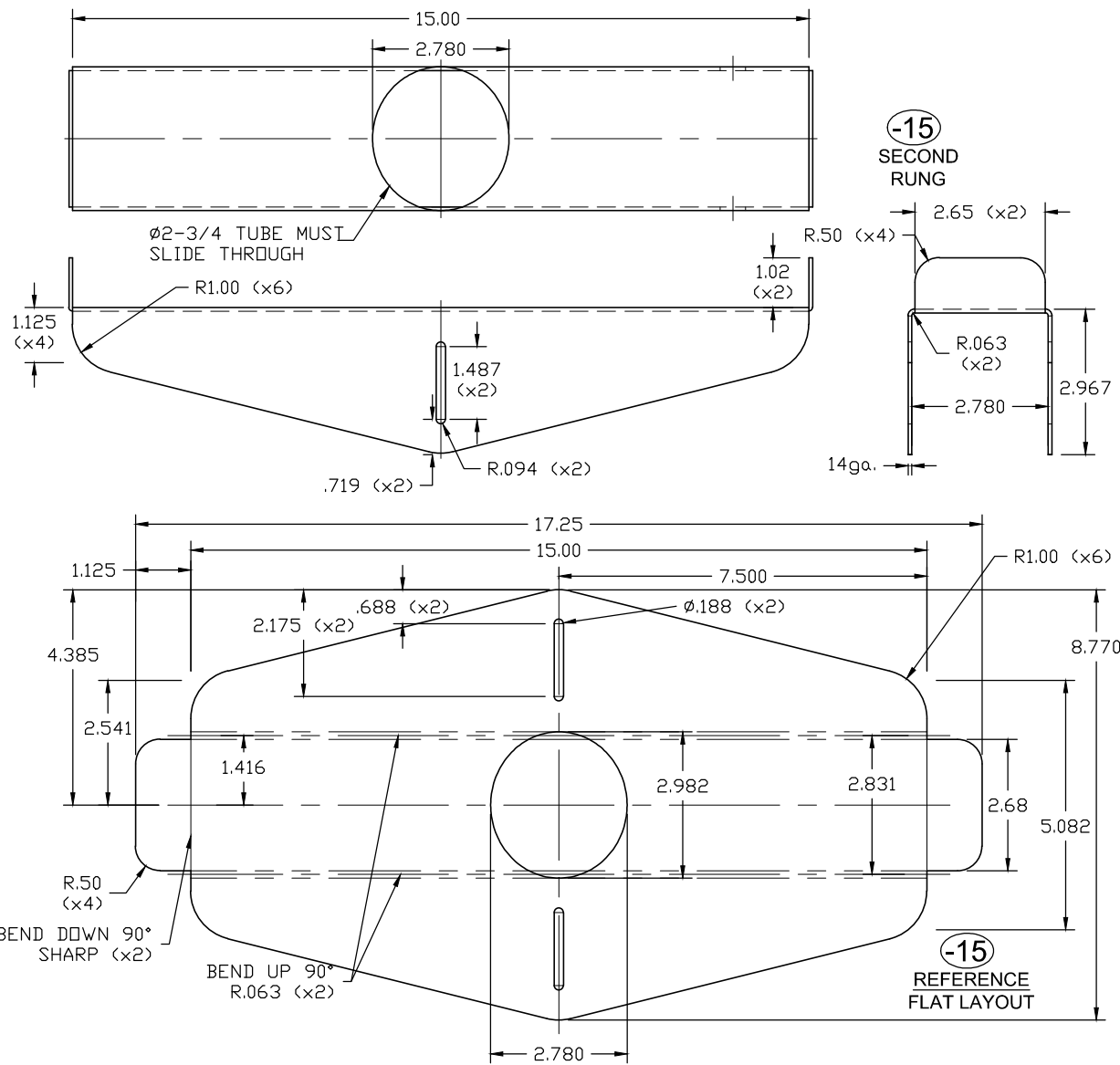
This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; VERTICAL WELDMENT PARTS			
DWG NO.	RBT18658-101-18 & 19	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED <i>D. Weil</i>	
DECIMALS		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
FRACTIONS ± 1/32		SEE WELDMENT	
ANGLES ± 5°		USED ON MODEL	
UNLESS OTHERWISE SPECIFIED		NORTHROP-GRUMAN	
1. BREAK ALL SHARP EDGES		FIRE SCOUT	
015 x 45° PR. 015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	NTS	DATE	4-9-09
		SHEET	6 of 10

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

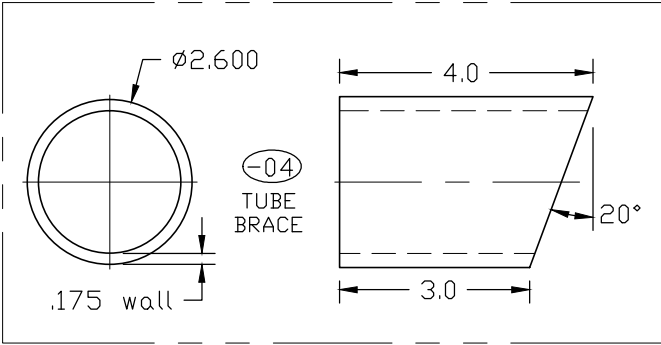
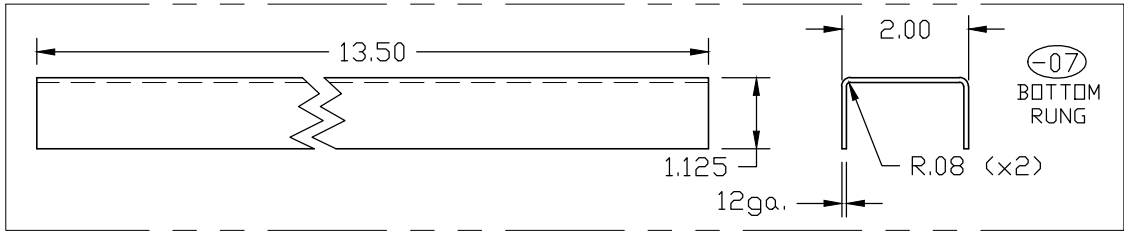
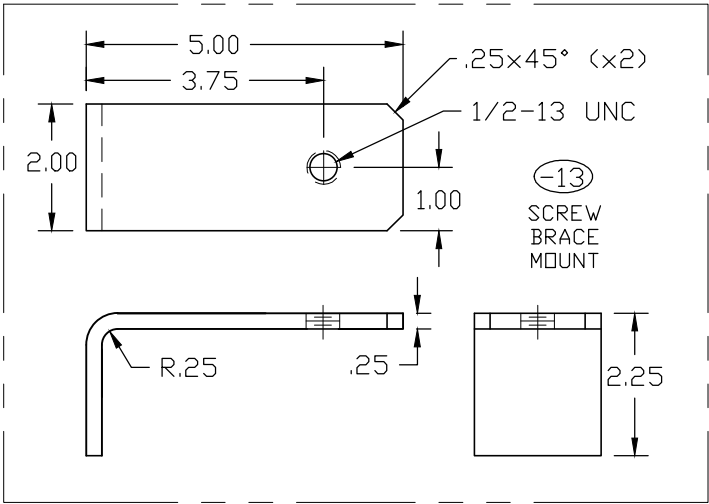
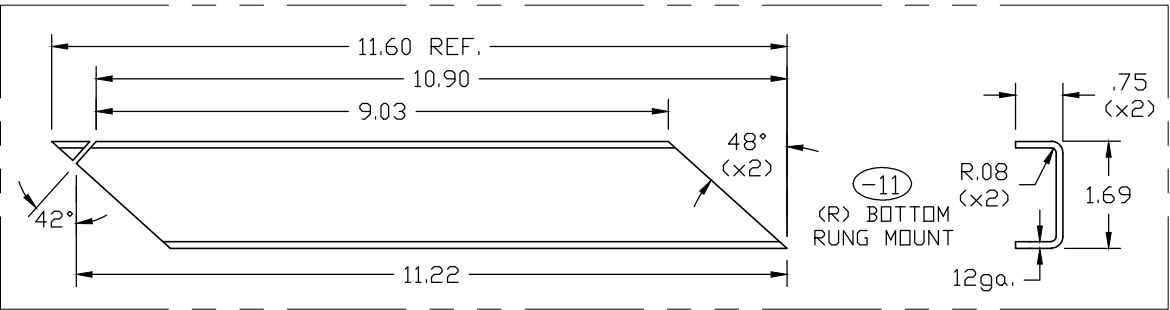
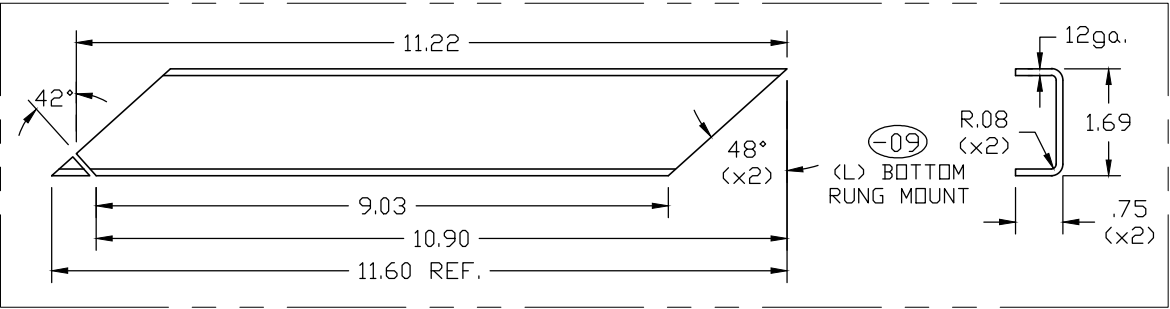
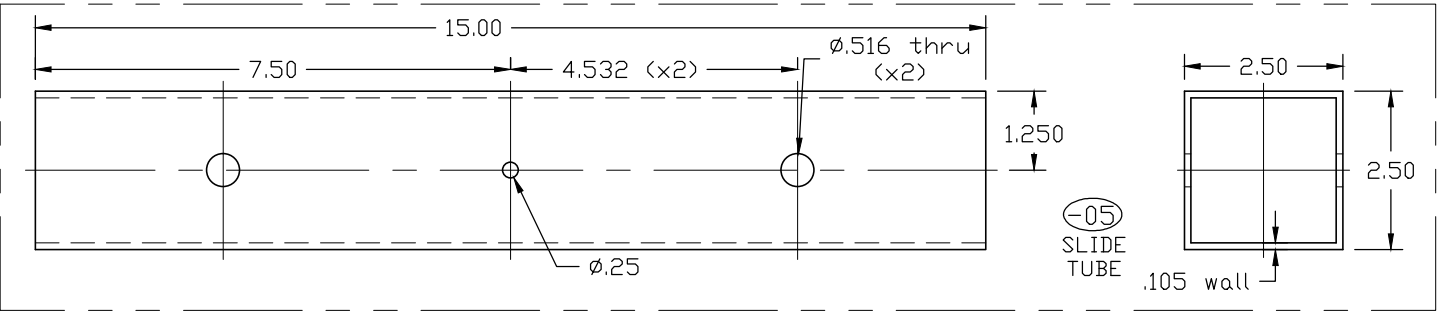
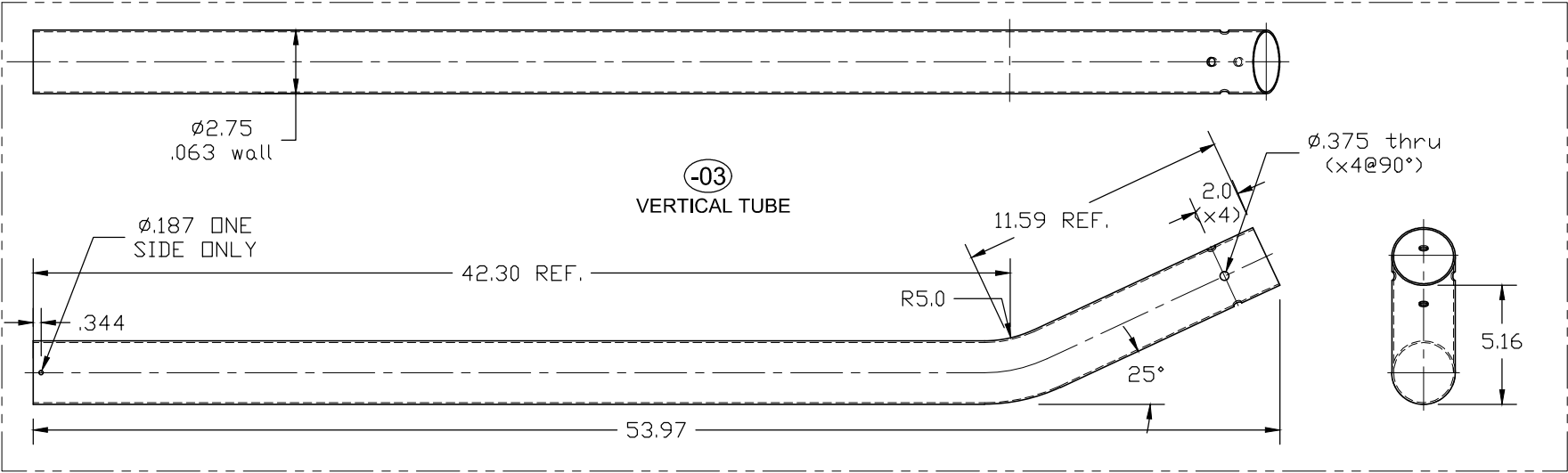


REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50-53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP



RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; VERTICAL WELDMENT PARTS			
DWG NO.	RBT18658-101-15 & 17	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED: D. Weil	
DECIMALS		HEAT TREAT	
.XXX ± .005		FINISH SPEC	
.XX ± .01		SEE WELDMENT	
.X ± .1		USED ON MODEL	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 X 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		NORTHROP-GRUMAN	
SCALE NTS		FIRE SCOUT	
DATE 4-9-09		SHEET 5 of 10	

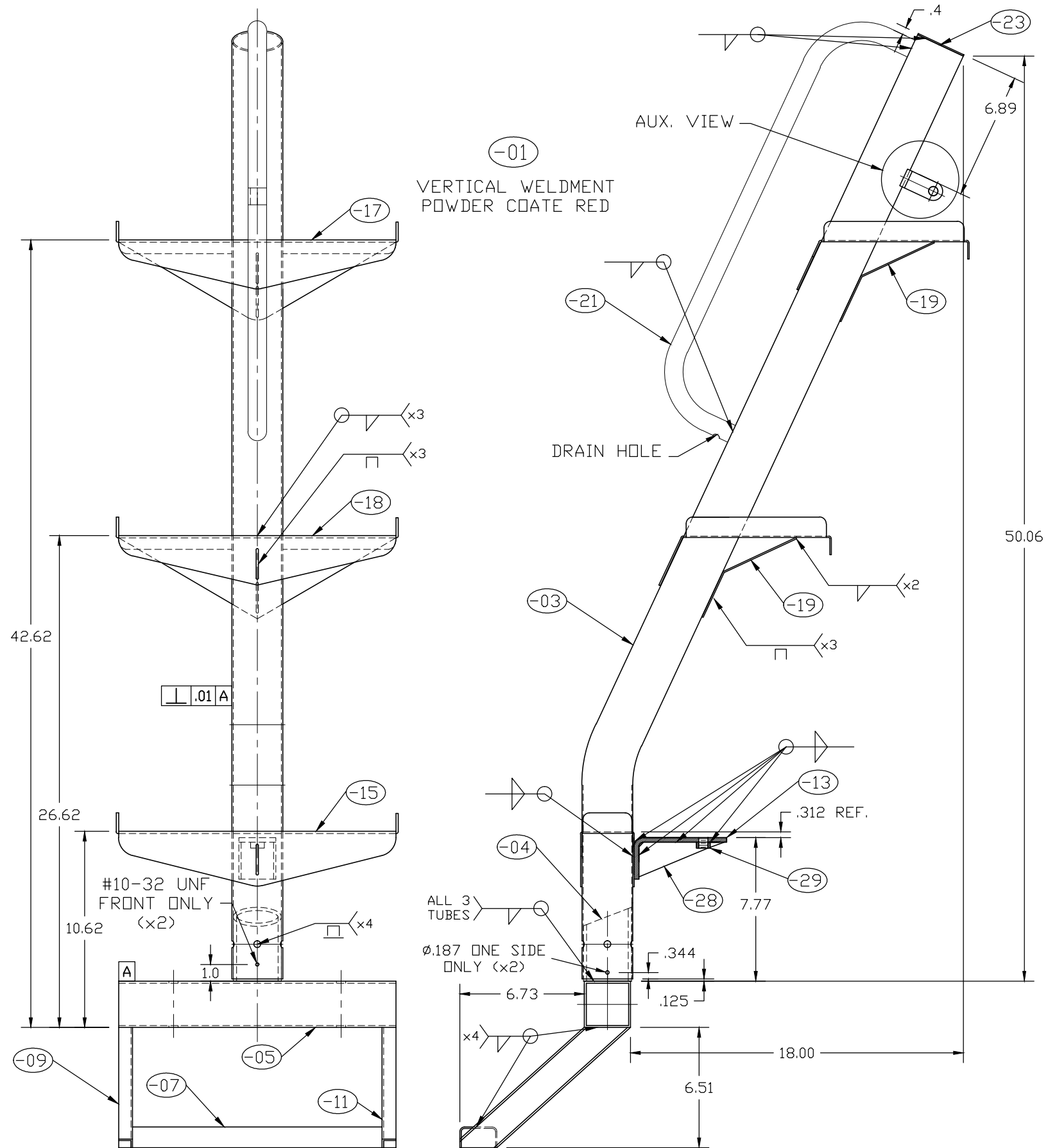
This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.



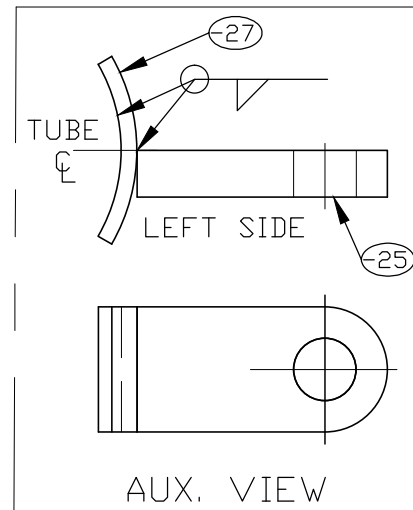
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50-53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	

RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; VERTICAL WELDMENT PARTS			
DWG NO.	RBT18658-101-03 thru 13	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED: D. Weil	
DECIMALS .XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH SPEC	
.X ± .1		SEE WELDMENT	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 X 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL NORTHROP-GRUMAN FIRE SCOUT	
SCALE	NTS	DATE	4-9-09
		SHEET	4 of 10

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.




REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50. -53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NOT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #611K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	
2	ADDED -29 NUT CALLOUT TO -13 SCREW BRACE MOUNT, CH'D -29 ROLL PIN FROM Ø5/32 x 5/8 TO Ø5/32 x 7/8, CH'D -53, -55 & -59 FROM PLATED TO PLAIN IN BOM, CH'D FINISH SPEC. -49 & -57 FROM POWDER COAT RED TO NICKLE PLATE PER D.W.	11/10/10	RJC	



NOTES


1. POWDER COAT -01 WELDMENT
T-3370 S9 RED WAGON.
2. SOME HIDDEN LINES ELIMINATED
FOR CLARITY.

 RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; VERTICAL WELDMENT			
DWG NO. RBT18658-101-01			REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: PERRITT APPROVED <i>D Weir</i> HEAT TREAT FINISH SPEC SEE WELDMENT	
UNLESS OTHERWISE SPECIFIED 1. BREAK A SHARP EDGES .015 X .45" PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL NORTHROP-GRUMAN FIRE SCOUT	
SCALE NTS	DATE 4-9-09	SHEET 3	of 10

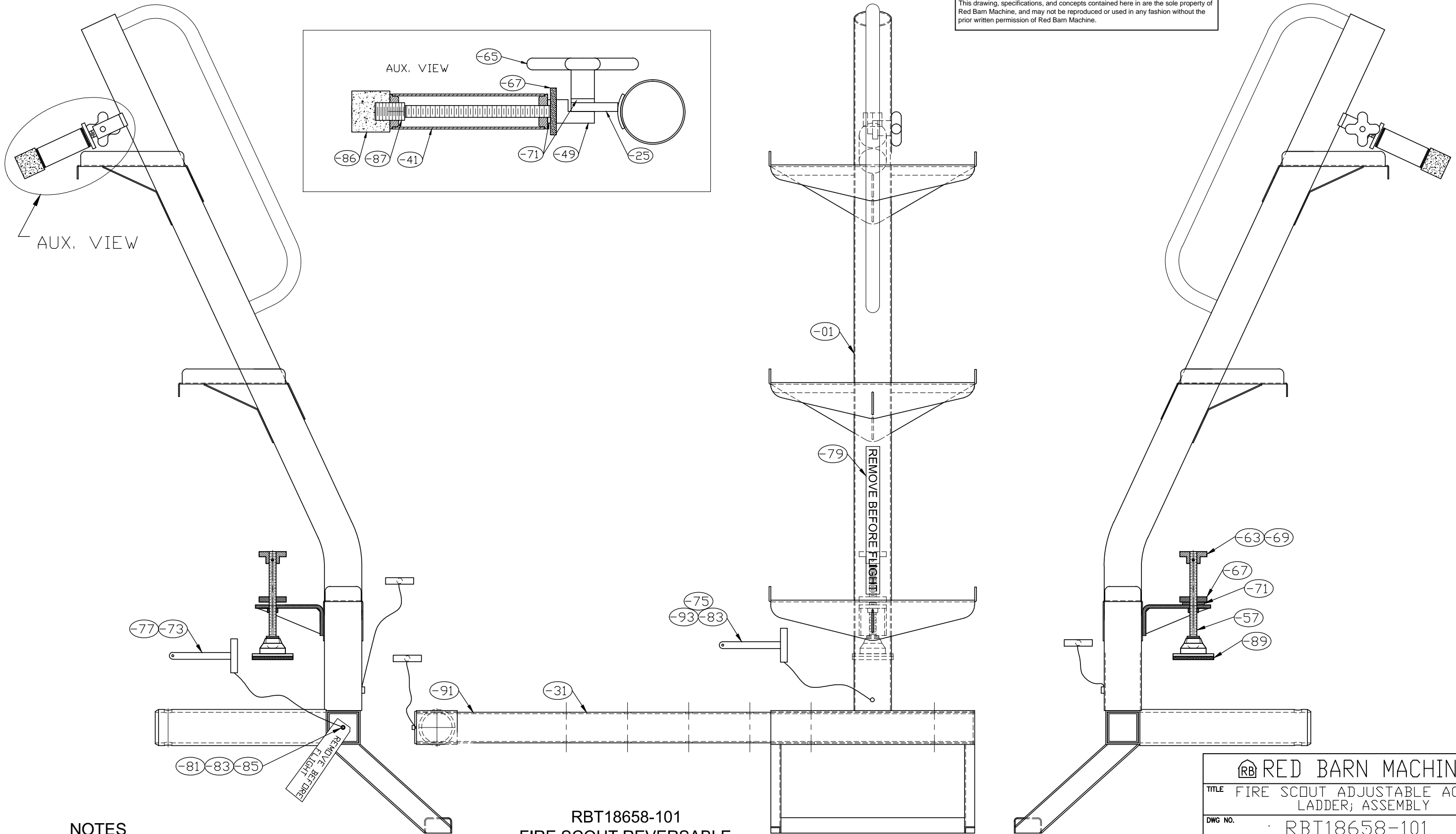
ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
						✕	-01	1	VERTICAL WELDMENT		CONSISTS OF -03 thru -29	3
						1	-03		VERTICAL TUBE	DOM TUBING	Ø2-3/4 x .065 wall x (53-3/16 + EXTRA FOR BENDING, REFER TO BENDER FOR LENGTH.	4
						1	-04		TUBE BRACE	DOM TUBING	Ø2-1/2 x 1/8 wall x 4-1/4	4
						1	-05		SLIDE TUBE	SQUARE TUBING	2-1/2 x 2-1/2 x .105 wall x 15	4
						1	-07		BOTTOM RUNG (FORMED CHANNEL)	CR SHEET	12 ga. x 4-1/4 x 13-1/2	4
						1	-09		LEFT BOTTOM RUNG BRACE (FORMED CHANNEL)	CR SHEET	12 ga. x 3 x 11-5/8	4
						1	-11		RIGHT BOTTOM RUNG BRACE (FORMED CHANNEL)	CR SHEET	12 ga. x 3 x 11-5/8	4
						1	-13		SCREW BRACE MOUNT (FORMED ANGLE)	1018 FLAT BAR	1/4 x 2 x 6-13/16	4
						1	-15		SECOND RUNG (FROM BOTTOM)	CR SHEET	14 ga. x 8-7/8 x 17-1/4	5
						1	-17		TOP RUNG	CR SHEET	14 ga. x 11-5/8 x 17-1/4	5
						1	-18		THIRD RUNG (FROM BOTTOM)	CR SHEET	14 ga. x 11-5/8 x 17-1/4	6
						2	-19		UPPER RUNG SUPPORTS	CR SHEET	14 ga. x 7 x 14-1/2	6
						1	-21		HANDLE	DOM TUBING	Ø1 x .095 wall x 56	7
						1	-23		TUBE END CAP	CR SHEET	Ø2-11/16 x 14ga.	7
						1	-25		BUMPER SWIVEL	1018 FLAT BAR	3/8 x 1 x 2	7
						1	-27		BUMPER SWIVEL MOUNT	1018 FLAT BAR	1/8 x 1 x 1-7/16	7
						2	-28		GUSSET	CR SHEET	1/8 x 1-7/8 x 4-5/8	7
						1	B/O -29		JAM NUT	PLAIN	1/2-13 UNC MCMASTER-CARR #95010A150	3
						✕	-31	1	HORIZONTAL WELDMENT		CONSISTS OF -31 thru -39	8
						1	-33		ADJUSTING TUBE	SQUARE TUBING	2-1/4 x 2-1/4 x .105 wall x 41	9
						1	-35		PIN MOUNT	SQUARE TUBING	2-1/2 x 2-1/2 x .105 wall x 3	9
						1	-37		PIN	DOM TUBING	Ø2-3/4 x 1/4 wall x 13-1/8	9
						2	-39		CAPS	CR SHEET	12 ga. x 2-1/8 x 2-1/8	9
						✕	-41	1	ADJUSTABLE BUMPER WELDMENT		CONSISTS OF -41 thru -47	8
						1	-43		TUBE	DOM TUBING	Ø1-1/2 x .083 wall x 6-5/8	7
						1	-45		BUMPER TUBE END	1018 RND. BAR	Ø1-1/2 x 1/2	7
						1	-47		SWIVEL TUBE END	1018 RND. BAR	Ø1-1/2 x 1/2	7
						✕	-49	1	SWIVEL WELDMENT		CONSISTS OF -49 thru -55	8
						1	-51		SWIVEL	1018 SQ. BAR	1 x 1 x 1-3/4	7
						1	B/O -53		EXTENSION ALL THREAD	PLAIN	1/2-13 UNC x 7	8
						1	B/O -55		CLAMP ALL THREAD	PLAIN	1/2-13 UNC x 2	8
						✕	-57	1	SCREW BRACE WELDMENT		CONSISTS OF -57 thru -61	8
						1	MACH -59		BRACE SCREW	PLAIN	1/2-13 UNC x 6-1/2	10
						1	-61		FOOT	CR SHEET	11 ga. x Ø3	8
						1	B/O -62		SWIVEL LEVELING MOUNT		MCMASTER-CARR #6103K68	8
						MACH	-63	1	KNURLED KNOB	S.S.	MCMASTER-CARR #6399K55	10
						B/O	-65	1	BUMPER KNOB	S.S.	REID #KHJ-172	1
						MACH	-67	2	CHECK NUTS	S.S.	MCMASTER-CARR #60205K281	10
						B/O	-69	1	ROLL PIN	STEEL	Ø5/32 x 7/8	1
						B/O	-71	3	WASHER	S.S.	Ø1/2 I.D. x Ø7/8 O.D. x .03 MCMASTER-CARR #98017A209	1
						B/O	-73	1	T-HANDLE BALL LOCK PIN	S.S.	Ø1/2 x 4-1/2 MCMASTER-CARR #90293A417	1
						B/O	-75	1	T-HANDLE BALL LOCK PIN	S.S.	Ø1/2 x 2-1/2 MCMASTER-CARR #90293A413	1
						B/O	-77	1	LANYARD	COATED S.S.	Ø1/16 x 18 MCMASTER-CARR #90312A37 COATED	1
						B/O	-79	1	VERTICAL EMBLEM (REMOVE BEFORE FLIGHT)	STICK ON	1 in. LETTER HEIGHT SIGNS NOW	10
						B/O	-81	1	FLAG (REMOVE BEFORE FLIGHT)	CLOTH	NAS1756-12	1
						B/O	-83	2	MACHINE SCREW	S.S.	#10-32 UNF x 1/4	1
						B/O	-85	1	FENDER WASHER	PLATED	FOR 10-32	1
						B/O	-86	1	BUMPER, MED. HARDNESS	NEOPRENE RUBBER	Ø1-3/4 x1-5/8 MCMASTER-CARR #9546K14	1
						B/O	-87	1	BUMPER ALL THREAD	PLATED	5/8-18 UNF x 1-1/8	1
						B/O	-89	1	PAD WITH ADHESIVE BACK	RUBBER	Ø3 x 1/4	1
						B/O	-91	1	RB PLACARD WITH ADHESIVE BACK	FOIL	RBP41009	1
						B/O	-93	1	LANYARD	COATED S.S.	Ø1/16 x 12 MCMASTER-CARR #90312A29 COATED	1
ASSY -57	ASSY -49	ASSY -41	ASSY -31	ASSY -01								

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGED -77 LANYARD FROM 12 TO 18 AND FROM QTY. 2 TO 1. ADDED -93 LANYARD. EXTENDED -37 PIN FROM 10.824 TO 12.824. -39 CAP ADDED THREADED HOLE TO MOVE BALL LOCK PIN LANYARD TO END OF TUBE, -39 WAS 14ga. NOW 12ga. -43 BUMPER TUBE WAS 3.96, NOW 6.50.-53 ALL THREAD WAS 4.50, NOW 7. MOVED BUMPER BRACE ASSEMBLY UP 1, FOR BETTER ALIGNMENT. CREATED -18 THIRD RUNG AS NDT TO HAVE SAME CUT OUT AS -17 TOP RUNG. REDUCED QTY. OF -17 FROM 2 TO 1. CHANGED -13 FROM 1/4x2x3x2 ANGLE TO 1/4x2-1/4x5x2 FORMED ANGLE AND ADDED -28 GUSSETS. INVERSED SCREW BRACE WELDED ASSEMBLY TO GIVE 1-34 MORE CLEARANCE. CHANGED -59 SWIVEL BRACE FROM MCMASTER-CARR #6111K56 TO BRACE SCREW 1/2-13 UNC x 6-1/2 ALL THREAD. ADDED -62 SWIVEL LEVELING MOUNT. ALSO ADDED THREE PAGES AS TO REDUCE THE AMOUNT OF PARTS PER PAGE.	8/7/09	WP	
2	ADDED -29 NUT CALLOUT TO -13 SCREW BRACE MOUNT, CH'D -29 ROLL PIN FROM Ø5/32 x 5/8 TO Ø5/32 x 7/8, CH'D -53 , -55 & -59 FROM PLATED TO PLAIN IN BOM, CH'D FINISH SPEC. -49 & -57 FROM POWDER COAT RED TO NICKLE PLATE PER D.W.	11/10/10	RJC	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

 RED BARN MACHINE	
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; BILL OF MATERIALS	
DWG NO. RBT18658-101	REV 2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: PERRITT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC SEE WELDMENT USED ON MODEL NORTHROP-GRUMAN FIRE SCOUT
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 X 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 4-9-09
SHEET 2 of 10	

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.




NOTES

1. SOME HIDDEN LINES ELIMINATED FOR CLARITY.

RBT18658-101
FIRE SCOUT REVERSABLE
ACCESS LADDER

RED BARN MACHINE			
TITLE FIRE SCOUT ADJUSTABLE ACCESS LADDER; ASSEMBLY			
DWG NO.	RBT18658-101	REV	2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED <i>D. Weil</i>	
DECIMALS		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
FRACTIONS ± 1/32		SEE WELDMENT	
ANGLES ± 5°		USED ON MODEL	
UNLESS OTHERWISE SPECIFIED		NORTHROP-GRUMAN	
1. BREAK ALL SHARP EDGES		FIRE SCOUT	
015 X 45° PR. 015 R		SHEET	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		1 of 10	
SCALE	NTS	DATE	4-9-09

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
--	--	--	--	--

 RED BARN MACHINE			
TITLE			
<div style="text-align: center;">— —</div>			
DWG NO.			REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°			DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING			USED ON MODEL
SCALE	N.T.S.	DATE	SHEET
		8-15-07	1 of 1

A large, black, sans-serif watermark is oriented diagonally from the bottom-left to the top-right of the page. The text reads "NOT APPROVED FOR PRODUCTION" in all capital letters.

A large, black, sans-serif watermark is oriented diagonally from the bottom-left to the top-right of the page. The text reads "NOT APPROVED FOR PRODUCTION" in all capital letters.